



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H140387

**Mode:** Highway

**Status:** Submitted

### US-15, US-501

**From/Cross Street:** NC 24-27 (east of Carthage)

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** US 1 (Jefferson Davis Hwy in Lee County)

**Project Category:** Regional Impact

**Length:** 8.65

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$68,467,000

#### Description:

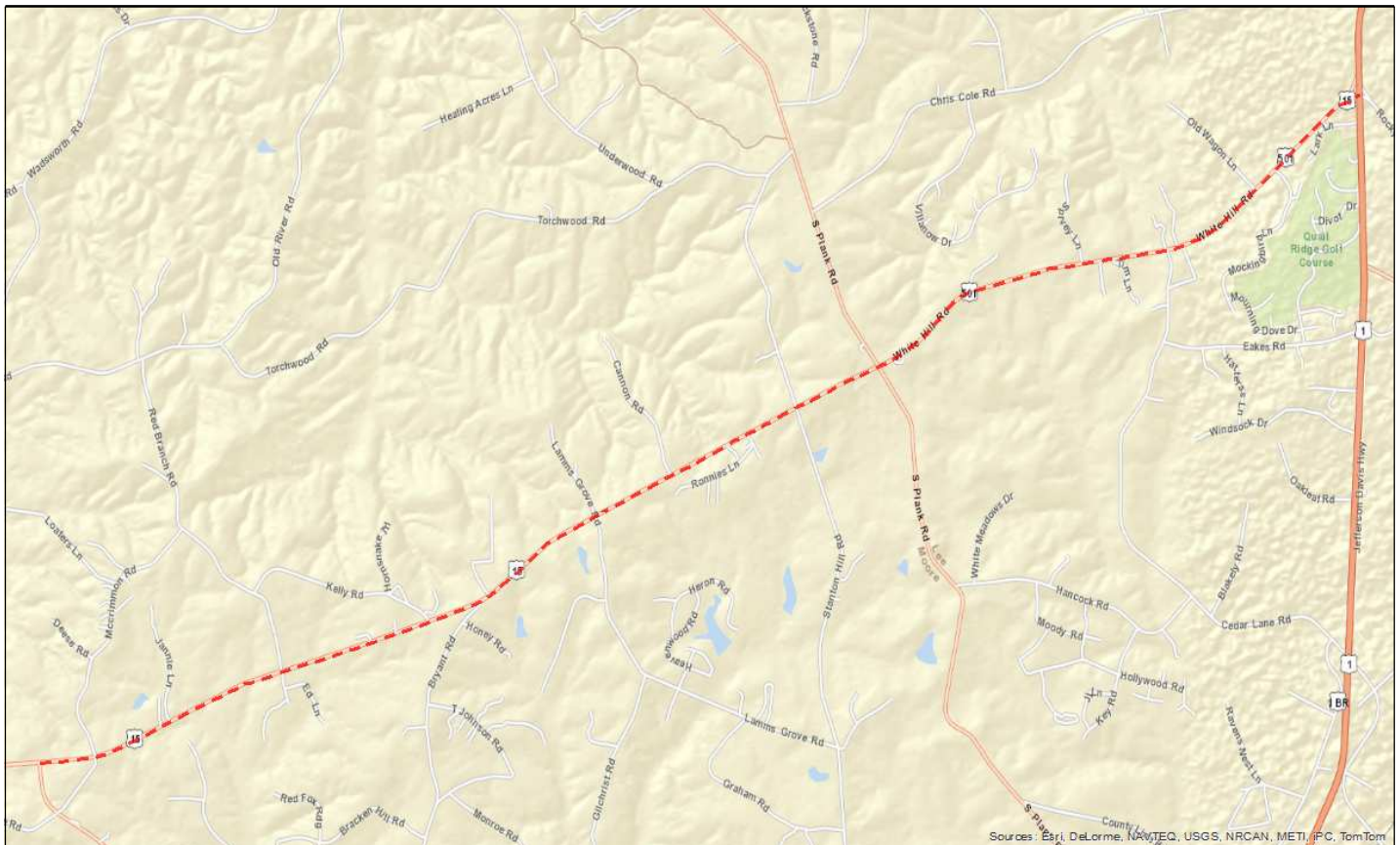
Widen to multilane divided facility

**Division(s):** Division 8

**County(s):** MOORE, LEE

**MPOS(s)/RPO(s):** Triangle Area RPO

### Project Location



**Statewide Mobility Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (25%) 32.64	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 62.32		
[Travel Time] Benefit/Cost (25%) 0.19		
Accessibility / Connectivity (10%) 29.83		
<b>Totals: Weight: 70% Weighted Score: 17.42</b>		

**Division Needs Total Score: 0**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 32.64	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 62.32		
[Travel Time] Benefit/Cost (20%) 0.19		
<b>Totals: Weight: 50% Weighted Score: 12.8</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	8.65
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	7641.26
Capacity:	15500
Volume/Capacity Ratio:	0.49
% Autos:	92%
% Trucks:	8%
Truck Volume:	640.26
Crash Density:	80.62
Crash Severity:	47.48
Critical Crash Rate:	58.89
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	26
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	58
Actual Congested Speed:	49.39
Travel Time Index:	1.11

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	8.65
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	562355.58
Travel Time Savings for 30 Years (Autos):	515236.2
Travel Time Savings for 30 Years (Trucks):	47119.38
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Triangle Area RPO

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$55,018,000	Cost Estimation Tool
Right-of-Way Cost:	\$12,008,000	Cost Estimation Tool
Utilities Cost:	\$1,441,000	Cost Estimation Tool
Total Project Cost:	\$68,467,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$68,467,000</b>	